

Notice of Allowability

Application No.

10/008,856

Examiner

Vincent E. Kovalick

Applicant(s)

SUETSUGU ET AL.

Art Unit

2673

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to applicant's amendment dated 2/11/05.
2. ☒ The allowed claim(s) is/are 1-4 and 9-20.
3. ☒ The drawings filed on 08 November 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. This Office Action is in response to Applicant's Amendment dated February 11, 2005 in response to USPTO Office Action dated November 122, 2004. The cancellation of claims 5-8, the amendments to claims 1-4 and the addition of new claims 16-20 have been noted and entered in the record.

Allowable Subject Matter

2. Claims 1-4, 9-29 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Regarding claim 1 and 17, the major difference between the teachings of the said prior art of record (EP 0 845 768 A2, Yamamoto; USP 5,576,735, Kikuchi et al. and USP 6,002,385, Silverbrook) and that of the instant invention, is that said prior art of record **does not teach** said plasma display module wherein an inside power circuit driven by an external alternating current, and producing a control voltage for controlling operations of an interface board which is operative under a source voltage supplied thereto from an external power circuit and an auxiliary voltage for causing said external power circuit to be active, said inside power circuit being controlled for supplying said driving voltages to said diving circuit, in accordance with a voltage source control signal supplied from said interface board.

Relative to claim 9, the major difference between the teachings or the said prior art of record and that of the instant invention, is that said prior art of record **does not teach** said plasma display module wherein control signals output by said interface board contain first and second control signals, and said power circuit outputs said control voltage to said interface board when

Art Unit: 2673

an external alternating current is inputted to said power circuit, outputs said external power voltage to said external power circuit when said first control signal is inputted to said power circuit, and outputs said driving voltages to said driving circuits when said second control signal is inputted to said power circuit.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U. S. Patent No.	6,448,947	Nagai
U. S. Patent No.	6,124,840	Kwon
U. S. Patent No.	6,040,827	Shiina et al.
U. S. Patent No.	6,002,385	Silverbrook
U. S. Patent No.	5,576,735	Kikuchi et al.
U. S. Patent No.	5,493,685	Zenda
U. S. Patent No.	5,337,070	Kitajima et al
U. S. Patent No.	4,027,195	Shutoh et al.

Response to Applicant's Remarks/Comments

5. Applicant's remarks relative to independent claim 1 are rendered moot in light of the allowance of said claim 1.

Art Unit: 2673

In response to Applicant's concerns relative to Applicants Change of Correspondence Address, Change of Attorney Docket Number and Submission of Revocation of Original Power of Attorney and Grant of New Power of Attorney dated November 9, 2004; these documents are entered in the record and listed in the electronic file wrapper listings.

To Respond

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vincent E. Kovalick whose telephone number is 571-272-7669. The examiner can normally be reached on Monday-Thursday 7:30- 4:30.

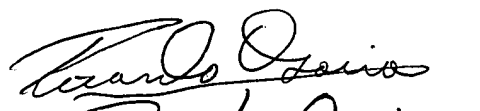
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Vincent E. Kovalick

August 8, 2005



Ricardo Osorio
PRIMARY EXAMINER